

ABSTRACT

In the case of forming a scribe line by irradiating a laser in an ultraviolet range in one stroke, the glass bending strength after glass is cut is about 50 MPa or less, and the glass is likely to be subjected to crack damage during use as liquid crystal panel glass or the like. In a glass cutting method in which a portion to be cut of glass 4 is irradiated with a pulse laser 2 in one stroke of relative movement to form a scribe line 7, and then the glass is cut by applying a break force to the scribe line 7, a pulse laser of an ultraviolet range is used as the pulse laser 2, and the pulse laser 2 is irradiated while the pulse laser 2 is being relatively moved so that the total number of pulses at each irradiation portion is in a range of 2,667 to 8,000 pulses, whereby the scribe line 7 is formed to a depth of 1.8 to 6.3% of the thickness of the glass 4.